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(71) Applicant: **Doosan Heavy Industries & Construction Co., Ltd.**
Seongsan-gu
Changwon-si, Gyeongsangnam-do 51711 (KR)

(72) Inventor: **JANG, Yun Chang**
50842 Gimhae-si, Gyeongsangnam-do (KR)

(74) Representative: **BCKIP**
Siegfriedstraße 8
80803 München (DE)

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(54) **RING SEGMENT AND TURBOMACHINE**

(57) The present disclosure proposes a ring segment and a turbomachine including the ring segment. The ring segment is installed on an inner circumferential surface of a casing and disposed to face an end of a blade disposed inside the casing. The ring segment includes a segment body disposed radially inside the casing and provided with multiple cooling channels through which cooling air flows. The ring segment further includes two segment protrusions protruding outward from the seg-

ment body, coupled to the inner circumferential surface of the casing, and spaced apart from each other in a flow direction of fluid flowing through the casing so as to form an RS cavity into which cooling air is introduced. In a cross section obtained by cross-sectioning the segment body along an imaginary plane including a radial straight line of the casing, a width in the radial direction of the casing is smaller than a width in a direction perpendicular to the radial direction of the casing.

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EUROPEAN SEARCH REPORT

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Y	EP 3 318 720 A1 (GEN ELECTRIC [US]) 9 May 2018 (2018-05-09)	1-7, 9-15	
A	* paragraph [0014] - paragraph [0026]; claims 1-6; figures 1-7 *	8	
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Place of search	Date of completion of the search	Examiner
Munich	28 July 2022	Balice, Marco
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		

**ANNEX TO THE EUROPEAN SEARCH REPORT
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